

Hsp70 antibody

Cat. No. GTX106148

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:500-1:1000

Not tested in other applications.

Calculated MW 70 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.55 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Hsp70. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

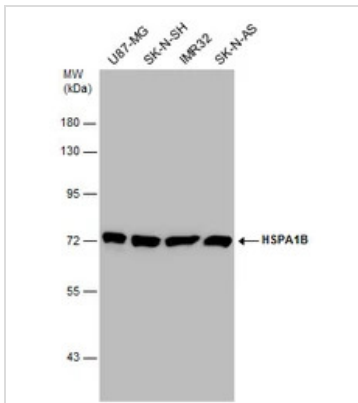
Note

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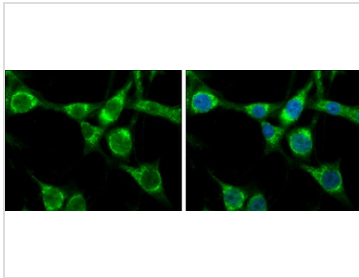
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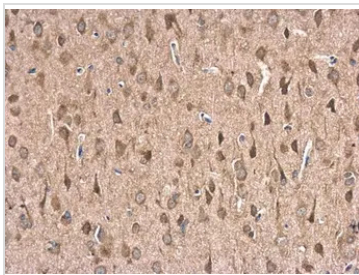
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DATA IMAGES

GTx106148 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Hsp70 antibody (GTx106148) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

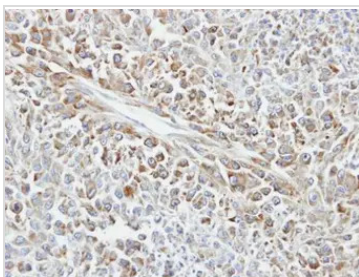

GTx106148 ICC/IF Image

Hsp70 antibody detects Hsp70 protein at cytoplasm by immunofluorescent analysis.
Sample: U-87 MG cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Hsp70 protein stained by Hsp70 antibody (GTx106148) diluted at 1:400.
Blue: Hoechst 33342 staining.


GTx106148 IHC-P Image

Hsp70 antibody detects Hsp70 protein at cytoplasm in rat brain by immunohistochemical analysis.
Sample: Paraffin-embedded rat brain.
Hsp70 antibody (GTx106148) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx106148 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human glioma, using Hsp70 (GTx106148) antibody at 1:100 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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